(ग) मध्य प्रदेश सरकार ने निम्नलिखित जल संरक्षण और जल सम्पूर्ति परियोजनाएं प्रस्तुत की हैं।

(लाख रु० में)

क्रमांक	जिला	लागत
1.	शाजापुर	270.00
2.	धार	1120.88
3.	कराहल खंड (मोरैना)	513.39
4.	मांडला	198.00
5.	राजगढ़	656.00
6.	राजनंद गांव	500.00
7.	देवास	103.73

राजगढ़ परियोजना के लिए 25 लाख रुपए की राशि संस्वीकृत और रिलीज की गई है जिसका उपयोग मॉडल योजनाओं के विकास के लिए किया जाएगा। उक्त योजनाओं को परियोजना क्षेत्र के अन्य भागों में भी चलाया जा सकता है।

82nd Annual Session of Indian Science Congress

2821. SHRI V. NARAYANASAMY : Will the PRIME MINISTER be pleased to state:

(a) whether the 82nd Annual Session of Indian Science Congress was opened by the Prime Minister at Calcutta recently;

(b) if so, the number of persons who participated at this session; and

(c) the number of foreign scientists who participated at the discussion and what was the outcome of discussion at this meet, alongwith the details thereof?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE AND MINISTER OF STATE IN THE DEPARTMENTS OF ATOMIC ENERGY AND SPACE AND MINISTER OF STATE IN THE MINISTRY OF SCIENCE & TECHNOLOGY (SHRI BHUVNESH CHATURVEDI) : (a) Yes Sir.

(b) About 6000 persons attended the various sessions of the Science Congress.

(c) 33 Foreign scientists attended the Congress. During the session various sections, committees and fora discussed issues related to the focal theme "Science, Technology & Industrial Development in India." The reommendations of the Congress are under finalisation by the Indian Science Congress Association (ISCA).

Collaborative Research and Development Programme with Asian Countries

2822. SHRI S. MADHVAN : Will the PRIME MINISTER be pleased to state:

(a) whether there is any proposal to launch a collaborative research and development programme with Asian countries, and

(b) if so, what are the details thereof?

THE MINISTER OF STATE IN PRIME MINISTER'S OFFICE AND MINISTER OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY AND SPACE AND MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY (SHRI BHUVNESH CHATURVEDI) : (a) and (b) Collaborative R&D programmes are being developed with a number of Asian countries, including Japan, China, Singapore and the Association of South East Asian Nations (ASEAN). On our collaboration with Japan projects are being developed in the areas of Molecular Structure, Spectroscopy & Dynamics, New Materials, Modern Biology & Biotechnology, Manufacturing Sciences, and Astronomy & Astrophysics under India-Japan Cooperative Science programme initiated with the Japan Society for the Promotion of Science (JSPS). Exchange visits are being undertaken with China on Lasers, Chemical Technology, Materials Science, Biotechonology signed in January 1995, discussions have been initiated on

mutually identified broad areas like Information Technology, Biotechnology, Materials Science, meeting between India and the ASEAN Commitee on Science and Technology (ASEAN-COST) held in February 1995, topics in the areas of Advanced Materials, Biotechnology and Information Technology have been identified to develop joint research projects.

सर्वसाधारण को विज्ञान और प्रौद्योगिकी का लाभ सुलभ कराना

2823. **श्री शंकर दयाल सिंह**: क्या प्रधान मंत्री यह बताने की कृपा करेंगे कि:

(क) क्या भारत सरकार ने ग्रामीण क्षेत्रों में भी सर्वसाधारण को विज्ञान और प्रौद्योगिकी के लाभ सुलभ कराने हेतु कोई कार्यक्रम तैयार किया है; और

(ख) यदि हां, तो उसका ब्यौरा क्या है और यदि नहीं, तो इसके क्या कारण है?

प्रधान मंत्री कार्यालय में राज्य मंत्री और परमाणु ऊर्जा तथा अंतरिक्ष विभागों में राज्य मंत्री तथा विज्ञान और प्रौद्योगिकी मंत्रालय में राज्य मंत्री (श्री भुवनेश चतुर्वेदी): (क) जी, हां।

(ख) वैज्ञानिक तथा तकनीकी विभागों एवं एजेंसियों के ग्रामीण क्षेत्रों में आम लोगों के लाभ के लिए भी कार्यक्रम हैं। ये कार्यक्रम विज्ञान और प्रौद्योगिकी पर आधारित परियोजनाओं से संबंधित है जो ग्रामीण दस्तकारी, अनुसूचित जातियों एवं कमजोर तबको को लाभ पहुंचानने के लिए स्वैच्छिक संगठनों, वैज्ञानिक तथा तकनीकी संस्थानों एवं विश्वविद्यालयों द्वारा चलाये जाते हैं। ये कार्यक्रम जिन सेक्टरों से संबंधित है उनमें कृषि, बागवानी, रेशमकीट पालन, मत्स्य पालन, ग्रामीण चर्म उद्योग कम लागत निर्माण, ग्रामीण इलेक्ट्रानिकी, बायो-पेस्टीसाइडस, जेव उर्वरक, औषधि पादपो की खेती ग्रामीण दूरसंचार, विज्ञान संचार, उद्यमवृति विकास, संसाधन मानचित्रण एवं नॉन-फार्म सेक्टर में कौशल विकास शामिल है।

Patents Awarded to US Company

2824. SHRI K.R. MALKANI: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that Government have awarded a broad patent to the U.S. Company, Mycogen Corporation, to genetically engineer plants to express insecticidal basillus thuringinensis (BT) bacterial genes;

(b) whether this will short-circuit Indian scientists' research in this field;

(c) whether Government had earlier awarded a similar sweeping patent to another U.S. Company, Agracetus, covering all genetically engineered cotton, which was later withdrawn last year;

(d) whether Government fixed responsibility for the wrongful award of that patent for cotton; and

(e) whether Government consider consulting Indian scientists engaged in a particular field before awarding patents to any foreign company in the field?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE AND THE MINISTER OF STATE IN DEPTTS. OF ATOMIC ENERGY AND SPACE AND MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY (SHRI BHUVNESH CHATURVEDI): (a) No, Sir

(b) Does not arise in view of (a) above.

(c) and (d) A Patent for a process for producing transformed Bacillus thuringiensis resistant cotton lines by tissue culture was granted to the US Company, Agracetus. The Patent did not cover all genetically engineered cotton. In public interest the patent was revoked in 1994.

(e) Since the applications for patents are secret communications between the applicants and the Patent Office, it would not be possible for the Government to consult Indian scientists before the grant of any patent.